

| <b>REPORT OF CHANNEL CONDITIONS</b><br><b>400 FEET WIDE OR GREATER</b><br><i>(ER 1130-2-306)</i>  |  |  |                    |  |  | <b>PAGE</b> 1 <b>OF</b> 1<br><hr/> <b>DATE</b> July 2005 |                                      |                                       |
|---|--|--|--------------------|--|--|--|--------------------------------------|---------------------------------------|
| <b>TO:</b><br>THE RECORD  |  |  |                    | <b>FROM:</b><br>U.S. Army Corps of Engineers<br>26 Federal Plaza, ATTN: CENAN-OP-ST<br>New York, NY 10278-0090 |  |  |                                      |                                       |
| <b>RIVER/HARBOR NAME AND STATE:</b><br>HUDSON RIVER 40-FOOT DEPTH CHANNEL, NY,NJ  |  |  |                    |  | <b>MINIMUM DEPTHS IN</b><br><b>CHANNEL ENTERING FROM SEAWARD</b> |  |                                      |                                       |
| NAME OF REACH   | MAP FILE<br>No.<br>SURVEY<br>DATE                  | AUTHORIZED PROJECT                                 |                    |  | LEFT<br>OUTSIDE<br>QUARTER<br>(feet)                             | LEFT<br>INSIDE<br>QUARTER<br>(feet)                      | RIGHT<br>INSIDE<br>QUARTER<br>(feet) | RIGHT<br>OUTSIDE<br>QUARTER<br>(feet) |
|   |  | WIDTH<br>(feet)                                    | LENGTH<br>(nmiles) | DEPTH<br>(feet)  |  |  |                                      |                                       |
| <u>Hudson River 40-Foot Depth Channel, NY Reach:</u><br>Commencing at the entrance (off Ellis Island) and continues until Pier No. 98, around W 59 <sup>th</sup> Street.  | Map 245<br>p.1 thru 4<br>of 5<br>Oct / Nov<br>2004 | Varies<br>1000<br>625<br>525<br>500<br>575<br>525  | 5.2                | 40   | 40.2   | 38.4   | 32.2                                 | 17.2                                  |
| <u>Hudson River 40-Foot Depth Channel, NJ Reach:</u><br>Commencing at the entrance (off Ellis Island) and continues up to Weehawken, New Jersey, just opposite of Pier No. 98 in New York (around W 59 <sup>th</sup> Street).   | Map 245<br>p.1 thru 5<br>of 5<br>Oct / Nov<br>2004 | 0<br>825<br>600<br>250<br>375<br>750<br>750<br>725 | 5.2                | 40   | 12.8   | 28.1   | 30.8                                 | 34.7                                  |
| <b>REMARKS:</b><br>1. All depths are in Mean Low Water (MLW)<br>2. Channel Length – Nautical Miles<br>3. <u>Hudson River 40-Foot depth Channel, NY Reach:</u> A major shoal begins in the Right Outside (RO) Quarter about 1000 FT landward of the channel entrance, around Battery Park City (Manhattan) and continues up to Pier No. 54, W 13 <sup>th</sup> Street before it advances into the Right Inside (RI) Quarter of the NY Reach and continues up to W. 38 <sup>th</sup> Street, where it advances into the Left Inside (LI) Quarter and continues up to the end of the 40 Foot NY Reach between Piers No. 84 & 86.<br>Note: The narrow strip of the federal channel along the right channel line from 42 <sup>nd</sup> Street to 59 <sup>th</sup> Street, with widths from 50 to 110 feet, is not included in this report.<br>4. <u>Hudson River 40-Foot depth Channel, NJ Reach:</u> A major shoal begins at the entrance (east of Ellis Island) and occupies the entire width of the NJ Reach for about 1.0 mile before it gradually and alternatively reduces to the Left Outside & LI Quarters through the remaining NJ Reach. |  |  |                    |  |  |  |                                      |                                       |